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1754 #4
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Practitioner's Docket No.: 791_183

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Norikazu NISHIYAMA, Yasuyuki EGASHIRA and Korekazu UHEYAMA

Ser. No.: 10/068,491

Art Unit: 1754

Filed: February 5, 2002

Examiner: Not Assigned

Confirmation No.: 7267

For: MESOPOROUS SILICA, MESOPOROUS SILICA COMPOSITE MATERIAL,
AND PROCESSES FOR PRODUCTION THEREOF

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 addressed to Assistant Commissioner for Patents, Washington, D.C. 20231 on April 17, 2002 under "EXPRESS MAIL" mailing label number EV 038329808 US.

Tara L. Preston
Tara L. Preston

Assistant Commissioner for Patents
Washington, DC 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449. Copies of each of the references listed on Form PTO-1449 are attached.

A concise explanation of relevance for References AA-AD can be found on page 1 of the present specification.

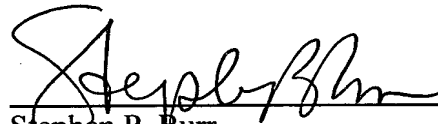
The above information is presented so that the Patent and Trademark Office may, in the first instance, determine any materiality thereof to the claimed invention. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that these references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

The Commissioner is hereby authorized to charge any additional fees associated with this communication or credit any overpayment to Deposit Account No. 50-1446.

Respectfully submitted,

April 17, 2002

Date

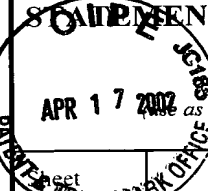


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Form PTO-1449		Complete if Known	
US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Application Number	10/068,491
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Filing Date	February 5, 2002
		First Named Inventor	Norikazu NISHIYAMA
		Art Unit	1754
		Examiner Name	Not Assigned
		Confirmation No.	7267
1 of 1		Attorney Docket No.	791_183

U.S. PATENT DOCUMENTS

Exam. Initial	Document Number	Date	Name	Class	Sub Class	Filing Date

U.S. COPENDING APPLICATIONS

Exam. Initial	Application Number	Our Docket No.	Filing Date	Inventor Name	Class	Sub Class

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Sub Class	Translation	Abstract
AA	5-503499	6/10/1993	Japan				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages etc.)

AB	Beck et al., <i>A New Family of Mesoporous Molecular Sieves Prepared with Liquid Crystal Templates</i> , J. Am. Chem. Soc. 1992, 114, pgs. 10834-10843.
AC	Nishiyama et al., <i>Mesoporous MCM-48 Membrane Synthesized on a Porous Stainless Steel Support</i> , Chem. Commun., 1998, pgs. 2147-2148.
AD	Nishiyama et al., <i>A Mesoporous Silica (MCM-48) Membrane: Preparation and Characterization</i> , Journal of Membrane Science. 182 2001, pgs. 235-244.
AE	Nogami et al., <i>On the Properties of Non-Crystalline Films Containing TiO₂ Prepared from Metal Alkoxides</i> , Yogyo Kyokai Shi, 85 [9] 1977, pgs. 448-455 (w/ English Abstract).
AF	Tohge et al., <i>Preparation of ZrO₂ and ZrO₂-SiO₂ Coating Films by the Sol Gel Method</i> , The Chemical Society of Japan (11) 1987, pgs. 1952-1957 (w/ English Abstract).

Examiner:		Date Considered:	
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.